

Editorial Contact:  
Cortec® Advertising Agency:

Shannon Garrow  
(651) 429-1100 Ext. 128

[sgarrow@cortecvci.com](mailto:sgarrow@cortecvci.com)

Company Contact:  
Cortec® Corporation

Kären Brasile  
(651) 429-1100 Ext. 601

[kbrasile@cortecvci.com](mailto:kbrasile@cortecvci.com)



## Attention: Editor

September 25, 2014

### PRESS RELEASE



## Preservation For The New Millennium – Cortec® VpCI®-126 Blue and VpCI®-386!

One of the biggest challenges in maintaining spares and redundant machinery in a prime state, ready for operation, is keeping it all from corrosion and deterioration. The process can be an expensive and overwhelming proposition. Proper preservation techniques during storage and machinery mothballing are becoming extremely important as cost of downtime and machinery repairs escalates.



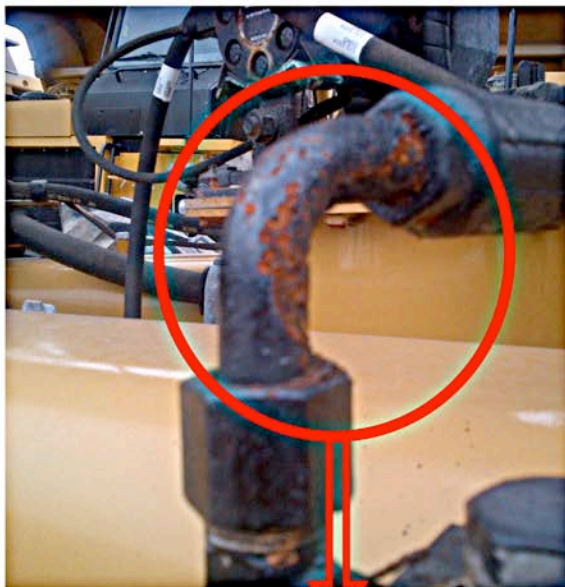
When asset safeguarding is required for periodic or seasonal lay-up or longer term mothballing, Cortec's Patented Vapor phase Corrosion Inhibitor (VpCI®) products provide a low-cost, easy-to-apply solution that will preserve property for periods of several months to over 15 years. In a vast

majority of cases, a conscientiously executed preservation program will pay for itself very rapidly.

A well-known, world leading manufacturer of construction and mining equipment, diesel and natural gas engines, industrial turbines and diesel-electric locomotives, has recently used Cortec's environmentally safe products to protect their heavy equipment against corrosion during storage and shipment.

One of the first problems that the client had was corrosion free storage of over stock surplus. They kept them in a yard that was close to the sea and due to the length of time they had been kept there, some sections of the equipment's paints were blistered and cracked leaving the bare plate exposed to the sea environment, which caused corrosion. To overcome this issue, the engineer was using conventional paint to cover corroded areas, however, after one-two months the paint was cracked and the parts were corroding again. To solve the issue, Cortec's VpCI®-386 was applied to those areas that were cracked and corroded. An inspection after 3 months showed that the coating applied had protected the equipment and showed no further signs of corrosion.

### Before Application



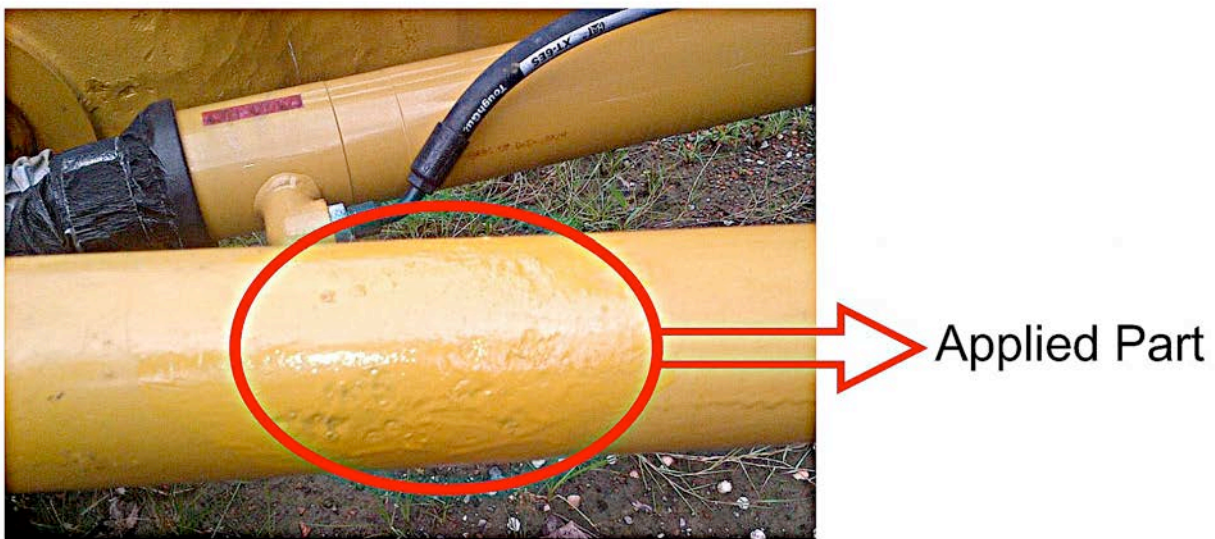
Corroded



Corroded

VpCI®-386 is a unique water-based acrylic primer/topcoat that successfully provides protection in harsh, outdoor, unsheltered applications. The complex mixture of non-toxic organic inhibitors offers protection that can compete with most paints and zinc-rich primers. VpCI®-386 is superior to many other coatings with inorganic pigments because the resistance has been improved by replacing pigments and metal oxides with more effective organic corrosion inhibitors. The special combination of additives provides a composite polymer barrier that significantly retards the reaction of metal ionization. A protective film is adsorbed onto metal surfaces. It protects against corrosive electrolytes and aggressive environments; preventing corrosion. VpCI®-386 provides a fast-drying thixotropic coating that is resistant to sagging or running, forming a tough, non-flammable, protective barrier. This dry-to-touch film offers extended protection for outdoor or indoor conditions. Thermally stable when dried from -150°F to 350°F (-78°C to 180°C). The coating is ultraviolet resistant giving optimal outdoor performance without cracking or chipping upon prolonged exposure to sunlight.

After 2 Months



This well-known client was also looking for the best corrosion protection method to ship big generators from Brazil to Japan. The ocean trip would take approximately 90 days and the generators needed to arrive corrosion free. To resolve the problem and receive continuous protection against salt, excessive humidity, condensation, and moisture, Cortec® VpCI®-126 Blue was draped over the equipment, the edges were sealed with water proof tape, and then a thick tarp

was placed over the film to further protect the equipment. When the generators arrived in Japan, there were no visible signs of corrosion.



Cortec's Vapor phase Corrosion Inhibitor (VpCI®)-126 Series films combine the latest film technology with the most effective corrosion protection for all of your metal products. Cortec® VpCI® films protect metal parts from all types of corrosion including rust, tarnish, stains, white rust, and oxidation for up to several years. The film replaces conventional rust preventatives such as oil and desiccants.

It is extremely important for Cortec® and its distributors to make sure that the client's satisfaction with the product and application is achieved. The people involved in these projects greatly appreciated the efforts in the successful completion of the equipment preservation and expressed abundant satisfaction with the way the projects' results turned out.

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Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified.

Cortec Website: <http://www.cortecvci.com> Phone: 1-800-426-7832 FAX: (651) 429-1122